



## Climate change and food security in East Asia

---

**Author(s):** Su YY, Weng YH, Chiu YW  
**Year:** 2009  
**Journal:** Asia Pacific Journal of Clinical Nutrition. 18 (4): 674-678

---

### Abstract:

Climate change causes serious food security risk for East Asian countries. The United Nations Framework Convention on Climate Change (UNFCCC) has recognized that the climate change will impact agriculture and all nations should prepare adaptations to the impacts on food security. This article reviews the context of adaptation rules and current policy development in East Asian region. The UNFCCC and Kyoto Protocol have established specific rules for countries to develop national or regional adaptation policies and measurements. The current development of the ASEAN Strategic Plan on food security is inspiring, but the commitments to implementation by its members remain an issue of concern. We suggest that the UNFCCC enhances co-operation with the Food and Agriculture Organization (FAO) and other international organizations to further develop methodologies and technologies for all parties. Our findings suggest that agriculture is one of the most vulnerable sectors in terms of risks associated with climate change and distinct programmatic initiatives are necessary. It's imperative to promote co-operation among multilateral organizations, including the UNFCCC, FAO, World Health Organization, and others.

**Source:** Ask your librarian to help locate this item.

### Resource Description

#### Communication:

resource focus on research or methods on how to communicate or frame issues on climate change;  
surveys of attitudes, knowledge, beliefs about climate change

A focus of content

#### Communication Audience:

audience to whom the resource is directed

Policymaker

#### Exposure :

weather or climate related pathway by which climate change affects health

Food/Water Security

**Food/Water Security:** Agricultural Productivity

#### Geographic Feature:

# Climate Change and Human Health Literature Portal

resource focuses on specific type of geography

None or Unspecified

## **Geographic Location:**

resource focuses on specific location

Non-United States

**Non-United States:** Asia

**Asian Region/Country:** Other Asian Region

**Other Asian Region:** East Asia

## **Health Impact:**

specification of health effect or disease related to climate change exposure

Health Outcome Unspecified

## **Mitigation/Adaptation:**

mitigation or adaptation strategy is a focus of resource

Adaptation

**Population of Concern:** A focus of content

## **Population of Concern:**

populations at particular risk or vulnerability to climate change impacts

Low Socioeconomic Status

## **Resource Type:**

format or standard characteristic of resource

Review

## **Timescale:**

time period studied

Time Scale Unspecified

## **Vulnerability/Impact Assessment:**

resource focus on process of identifying, quantifying, and prioritizing vulnerabilities in a system

A focus of content